Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116579.D
Acq On : 27 Aug 2019 12:29
Operator : HP/JU
Sample : PB122218BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122218BS

Manual Integrations APPROVED
mohammad
8/29/2019 7:54:40 AM

Quant Time: Aug 27 17:54:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	66621	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	276902	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	145897	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	256773	20.00	ng		0.00
76) Chrysene-d12	14.03	240	174705	20.00	ng		0.00
87) Perylene-d12	15.49	264	144733	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	460475	100.99	ng		0.00
7) Phenol-d6	6.50	99	579517	103.66	ng		0.00
23) Nitrobenzene-d5	7.43	82	346546	68.47	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	158633	126.63	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	641072	70.76	ng		0.00
79) Terphenyl-d14	12.97	244	677999	72.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	83342	42.217	ng		97
3) Pyridine	3.49	79	206396	34.332	ng		98
4) n-Nitrosodimethylamine	3.43	42	99815	45.481	ng	#	93
6) Aniline	6.53	93	231885	30.637	ng		99
8) 2-Chlorophenol	6.66	128	198211	41.426	ng		99
9) Benzaldehyde	6.42	77	147800	39.567	ng		98
10) Phenol	6.52	94	257868	42.476	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	183980	39.802	ng		98
12) 1,3-Dichlorobenzene	6.82	146	211858	40.908	ng		99
13) 1,4-Dichlorobenzene	6.89	146	215250	43.185	ng		98
14) 1,2-Dichlorobenzene	7.05	146	204739	43.542	ng		97
15) Benzyl Alcohol	7.02	79	190624	42.133	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	214981	33.637	ng		96
17) 2-Methylphenol	7.13	107	170090	42.905	ng		98
18) Hexachloroethane	7.39	117	81357	41.852	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	147304	38.614	ng		97
20) 3+4-Methylphenols	7.27	107	216306	44.541	ng		89
22) Acetophenone	7.28	105	294830	42.580	ng	#	95
24) Nitrobenzene	7.45	77	227100	43.328	ng		94
25) Isophorone	7.69	82	401763	40.281	ng		99
26) 2-Nitrophenol	7.77	139	105792	55.257	ng		97
27) 2,4-Dimethylphenol	7.81	122	179212	44.861	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	234522	38.075	ng		100
29) 2,4-Dichlorophenol	8.01	162	167690	44.140	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	183902	42.999	ng		98
31) Naphthalene	8.18	128	587606	43.867	ng		100
32) Benzoic acid	7.92	122	120962	47.365	ng		96
33) 4-Chloroaniline	8.22	127	131776	22.409	ng		99
34) Hexachlorobutadiene	8.30	225	105062	45.043	ng		98
35) Caprolactam	8.58	113	50058m	37.828	ng		
36) 4-Chloro-3-methylphenol	8.70	107	190552	44.454	ng		98
37) 2-Methylnaphthalene	8.87	142	395949	43.050	ng		96
38) 1-Methylnaphthalene	8.97	142	366414	42.648	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	172071	43.837	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	219730	104.043	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	119204	43.391	ng		97
44) 2,4,5-Trichlorophenol	9.18	196	126093	45.109	ng		99
46) 1,1'-Biphenyl	9.33	154	493882	42.340	ng		99
47) 2-Chloronaphthalene	9.36	162	380049	42.026	ng		98
48) 2-Nitroaniline	9.45	65	119170	43.039	ng		96
49) Acenaphthylene	9.77	152	584065	44.145	ng		99
50) Dimethylphthalate	9.63	163	437578	42.987	ng		99
51) 2,6-Dinitrotoluene	9.69	165	96782	46.451	ng		94
52) Acenaphthene	9.95	154	406940	47.933	ng		99
53) 3-Nitroaniline	9.85	138	71542	28.806	ng		96
54) 2,4-Dinitrophenol	9.96	184	88075	105.016	ng	#	1
55) Dibenzofuran	10.12	168	518451	43.809	ng		96
56) 4-Nitrophenol	10.02	139	161590	83.709	ng		93
57) 2,4-Dinitrotoluene	10.09	165	131931	49.762	ng		88
58) Fluorene	10.46	166	412223	44.834	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	102074m	44.473	ng		
60) Diethylphthalate	10.33	149	436346	43.613	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	198980	44.360	ng		98
62) 4-Nitroaniline	10.47	138	105835	43.571	ng		95
63) Azobenzene	10.61	77	439595	42.733	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	62807	57.952	ng		93
66) n-Nitrosodiphenylamine	10.56	169	358127	43.074	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	115254	42.814	ng		95
68) Hexachlorobenzene	11.01	284	122902	41.278	ng		96
69) Atrazine	11.09	200	105887	42.506	ng		98
70) Pentachlorophenol	11.20	266	154552	88.969	ng		100
71) Phenanthrene	11.42	178	610238	43.626	ng		99
72) Anthracene	11.47	178	623958	44.391	ng		100
73) Carbazole	11.62	167	541399	42.911	ng		99
74) Di-n-butylphthalate	11.95	149	665112	42.542	ng		99
75) Fluoranthene	12.60	202	613561	42.427	ng		99
77) Benzidine	12.72	184	295293	42.011	ng		97
78) Pyrene	12.83	202	624948	44.731	ng		99
80) Butylbenzylphthalate	13.44	149	269889	44.730	ng		92
81) Benzo(a)anthracene	14.02	228	494844	43.733	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	121218	30.062	ng		98
83) Chrysene	14.06	228	489387	42.672	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	355773	44.219	ng		97
85) Di-n-octyl phthalate	14.62	149	554117	40.567	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	348379	35.462	ng		96
88) Benzo(b)fluoranthene	15.06	252	437586	48.942	ng		97
89) Benzo(k)fluoranthene	15.09	252	378154	46.686	ng		99
90) Benzo(a)pyrene	15.43	252	370417	46.876	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	292381	45.029	ng		96
92) Benzo(g,h,i)perylene	17.39	276	285693	46.152	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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